

**REMARKS**

In light of the remarks to follow, reconsideration and allowance of this application are respectfully requested.

Claims 1-19 are in this application.

Claims 1 and 19 are rejected under 35 U.S.C. §102(e) as being anticipated by Sun, et al. (U.S. Patent No. 6,272,250).

Independent claim 1 recites in part as follows:

“...wherein the input data to be processed is set as the given input data **sequentially**.” (Underlining and bold added for emphasis.)

In explaining the above 102 rejection, the Examiner appears to rely on col. 4, lines 10-67 of Sun to disclose the above identified feature. It is respectfully submitted that the portion of Sun applied by the Examiner (hereinafter “Sun”) does not appear to disclose “input data to be processed is set as the given input data **sequentially**.” Instead, Sun appears to disclose a prototype vector and does not appear to mention setting the prototype vector sequentially. Accordingly, claim 1 is believed to be distinguishable from Sun.

For reasons similar to those described above with regard to claim 1, amended independent claim 19 is believed to be distinguishable from Sun.

Claims 1 and 19 are rejected under 35 U.S.C. §103(a) as being unpatentable over Inoue, et al. (U.S. Patent No. 6,128,407) in view of Sun.

For the reasons described above, claims 1 and 19 are believed to be distinguishable from Sun. The Examiner does not appear to have relied on Inoue to overcome the above-described deficiencies of Sun. Accordingly, claims 1 and 19 are believed to be distinguishable from the applied combination of Inoue and Sun.

Claims 2-18 are rejected under 35 U.S.C. §103(a) as being unpatentable over Inoue in view of Sun, and further in view of Li, et al. (U.S. Patent No. 5,602,934).

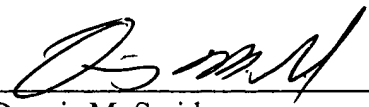
Claims 2-18 depend from claim 1, and, due to such dependency, are believed to be distinguishable from the applied combination of Inoue and Sun for at least the reasons previously described. The Examiner does not appear to have relied on Li to overcome the above-described deficiencies of the Inoue and Sun combination. Accordingly, claims 2-18 are believed to be distinguishable from the applied combination of Inoue, Sun, and Li.

In the event, that the Examiner disagrees with any of the foregoing comments concerning the disclosures in the cited prior art, it is requested that the Examiner indicate where, in the reference or references, there is the basis for a contrary view.

In view of the foregoing, favorable reconsideration and withdrawal of the rejection of claims 1-19 and the allowance of this application with claims 1-19 are respectfully requested.

Respectfully submitted,  
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